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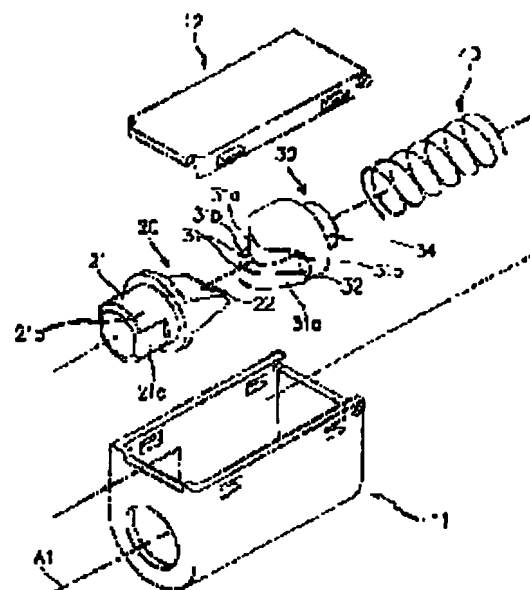
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## (54) PORTABLE RADIO TERMINAL EQUIPPED WITH HINGE MODULE

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a hinge module mechanically connecting a main body of a portable radio terminal to a folder.

**SOLUTION:** In the hinge module 10, a hinge shaft 20 is provided a mount-shaped portion and a shaft 21 at first and second ends, and rotates with the folder 120. A hinge cam 30 is disposed to be opposite to the hinge shaft 20, and provided with a pair of crest portions, a trough portion 32 between the crest portions, a fixing post 34 along a rotation axis A1, and a guide projecting portion 35 facilitating sliding while restricting rotational movement of the hinge cam 30, on a surface opposite to the hinge shaft 20. Each crest portion has an easy inclined surface 31a and a steep inclined surface 31b having an unsymmetrical inclination. A hinge cam spring 40 is positioned along the rotation axis A1, and has one end connected to the fixing post of the hinge cam 30 to provide restoring force to the hinge cam 30.



## LEGAL STATUS

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